



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In-re-Application of :

John C. Harvey and James W. Cuddihy :

Group Art Unit 2602

Serial No. 08/447,974 :

Examiner

Filed May 15, 1995 :

Atty Dkt: 5634.145

For **SIGNAL PROCESSING APPARATUS  
AND METHODS**

## TRANSMITTAL

Assistant Commissioner of Patents  
Washington, D.C. 20231

- [X] Supplemental Preliminary Amendment  
[X] Request to Correct Filing Receipt  
[X] Small Entity Verification under 37 CFR 1.9 and 1.27 has been established  
[X] The fee has been calculated as shown below:

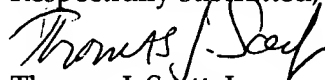
	(Col 1)		(Col 2)	(Col 3)		
	Claims Remaining After Amendment		Highest No. Previously Paid for	Present Extra	Rate	Additional Fee
Total	* 6	Minus	** 20	= 0	x \$ 11	\$ .00
Indep.	* 4	Minus	*** 3	= 1	x \$ 39	\$ 39.00
First Presentation of Mult. Dep. Claim					x \$ 125	\$ .00
Total Additional Filing Fee						\$ .00
Total Fee Enclosed						\$ 39.00

- \* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.  
\*\* If the "Highest Number Previously Paid For" in this space is less than 20, write "20" in this space.  
\*\*\* If the "Highest Number Previously Paid For" in this space is less than 3, write "3" in this space. "The Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

- [X] Howrey & Simon check no. 116168 in the amount of \$ 39.00 is enclosed.  
[X] The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 08-3038. This sheet is submitted in triplicate.

- [x] Any filing fees under 37 CFR 1.16 for the presentation of extra claims.  
[x] Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

  
Thomas J. Scott, Jr.  
Registration No. 27,836  
Attorney for Applicants

Date: December 7, 1995  
**HOWREY & SIMON**  
1299 Pennsylvania Avenue, NW  
Washington, D.C. 20004  
Tel: (202) 783-0800



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :  
**John C. Harvey and James W. Cuddihy** : Group Art Unit 2602  
Serial No. 08/447,974 : Examiner  
Filed May 15, 1995 : Atty Dkt: 5634.145

For **SIGNAL PROCESSING APPARATUS AND METHODS**

**REQUEST TO CORRECT FILING RECEIPT**

**Application Processing Division's Customer Correction Branch**  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicants respectfully request that the Filing Receipt (a copy of which is submitted herewith) with respect to the above-identified application be corrected.

Applicants submit that the "Continuing Data as Claimed by Applicant(s)" is incorrect and should be amended as indicated below:

THIS APPLN IS A CON OF	08/113,329	08/30/93	
WHICH IS A CON OF	08/056,501	05/03/93	PAT 5,335,277
WHICH IS A CON OF	07/849,226	03/10/92	PAT 5,233,654
WHICH IS A CON OF	07/588,126	09/25/90	PAT 5,109,414
WHICH IS A CON OF	07/096,096	09/11/87	PAT 4,965,825
WHICH IS A CIP OF	06/829,531	02/14/86	PAT 4,704,725
WHICH IS A CON OF	06/317,510	11/03/81	PAT 4,694,490

The above serial numbers and filing dates are indicated on Applicants' Declaration, a copy of which is submitted herewith.

Respectfully submitted,

Thomas J. Scott, Jr.  
Registration No. 27,836  
Attorney for Applicants

Date: December 7, 1995  
**HOWREY & SIMON**  
1299 Pennsylvania Avenue, NW  
Washington, D.C. 20004  
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Fax: (202) 383-6610

FILING RECEIPT



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
08/447,974	05/23/95	2602	\$365.00	5634.145	22	1	1

THOMAS J SCOTT JR  
HOWREY & SIMON  
1299 PENNSYLVANIA AVENUE NW  
WASHINGTON DC 20004

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Application Processing Division's Customer Correction Branch within 10 days of receipt. Please provide a copy of the Filing Receipt with the changes noted thereon.

**Applicant(s)**

JOHN C. HARVEY, NEW YORK, NY; JAMES W. CUDDIHY,  
NEW YORK, NY.

CONTINUING DATA AS CLAIMED BY APPLICANT-

THIS APPLN IS A CON OF 08/113,329 08/30/93

FOREIGN FILING LICENSE GRANTED 06/23/95

\* SMALL ENTITY \*

TITLE

SIGNAL PROCESSING APPARATUS AND METHODS

PRELIMINARY CLASS: 348

DOCKETED  
SEP 15 1995

JUN 28 1995



**DECLARATION AND POWER OF ATTORNEY -  
ORIGINAL APPLICATION**

ATTORNEY'S DOCKET NO.  
5634/8

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am an original, first, and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled **Signal Processing Apparatus and Methods**, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

**PRIOR UNITED STATES APPLICATION(S)**

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

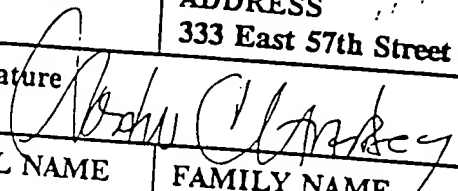
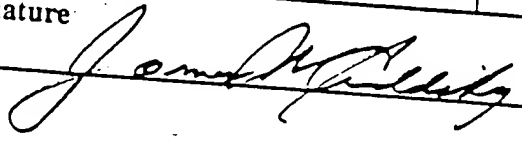
APPLICATION NUMBER	FILING DATE (day, month, year)	STATUS (i.e. Patented, Pending, Abandoned)
08\056,501	3 May 1993	Pending
07\849,226	10 March 1992	Patented
07\588,126	25 September 1990	Patented
07\096,096	11 September 1987	Patented
06\829,531	14 February 1986	Patented
06\317,510	3 November 1981	Patented

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:  
James F. Davis (Reg. No. 21,072); Joel M. Freed (Reg. No. 21,501); Alan M. Grimaldi (Reg. No. 26,599); Thomas J. Scott, Jr. (Reg. No. 27,836); Richard H. Kjeldgaard (Reg. No. 30,186); Joseph P. Lavelle (Reg. No. 31,036); William J. Griffin (Reg. No. 31,260); Richard S. Meyer (Reg. No. 32,541); James W. Inskeep (Reg. No. 33,910) and C. Scott Talbot (Reg. No. 34,262).

SEND CORRESPONDENCE, AND DIRECT TELEPHONE CALLS TO:

Thomas J. Scott, Jr.  
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(202) 383-6610 (telecopier)

I declare that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful statements may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR	FAMILY NAME Harvey	FIRST GIVEN NAME John	SECOND GIVEN NAME Christopher
RESIDENCE & CITIZENSHIP	CITY New York	STATE OR FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP USA
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Signature 		Date <i>Aug. 28, 1993</i>	
FULL NAME OF INVENTOR	FAMILY NAME Cuddihy	FIRST GIVEN NAME James	SECOND GIVEN NAME William
RESIDENCE & CITIZENSHIP	CITY New York	STATE OR FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP USA
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Signature 		Date <i>Aug 28, 1993</i>	